L Number	Hits	Search Text	DB	Time stamp
	42	((("5623598") or ("5666481") or ("5684945") or ("5768501") or ("5784359") or ("5893083") or ("6006016") or ("6016553") or ("6057757") or ("6058494") or ("6324659") or ("6148338") or ("6338151") or ("6415372") or ("6449739") or ("6460070") or ("6460147") or ("6470464") or ("6477531") or ("6484206") or ("6490690") or ("t955010") or ("5655081") or ("5668944") or ("5745669") or ("5751964") or ("6173420") or ("6173417") or ("6185577") or ("6173420") or ("5193151") or ("5485574") or ("5704036") or ("5745669") or ("5704036") or ("5745669") or ("5704036") or ("5745669") or ("6295611") or ("6327677") or ("6295611") or ("6327677") or ("6185327") or ("6185327") or ("6185327") or ("6185327") or ("6185327") or ("6185327") or ("5920719") or ("6072777") or ("6181700") or ("6295611") or ("6327677") or ("6185327") or ("6189114")).PN.) and (cluster\$2 client\$1 network\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 10:21
	1	((("5623598") or ("5666481") or ("5684945") or ("5768501") or ("5784359") or ("5893083") or ("6006016") or ("6016553") or ("6057757") or ("6058494") or ("6324659") or ("6148338") or ("6338151") or ("6415372") or ("6449739") or ("6460070") or ("6460147") or ("6470464") or ("6477531") or ("6484206") or ("6490690") or ("t955010") or ("5655081") or ("5668944") or ("5745669") or ("5751964") or ("5758071") or ("6237114") or ("6496282") or ("5553235") or ("6173417") or ("6185577") or ("6185577") or ("62864106") or ("5766955") or ("5704036") or ("5745669") or ("5704036") or ("5745669") or ("5704036") or ("5745669") or ("6295611") or ("6327677") or ("6181700") or ("6295611") or ("6327677") or ("6405327") or ("4296464") or ("5933594") or ("6012100") or ("6189114")).PN.) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09
7	0	(cluster\$2 and client\$1) ((("5623598") or ("5666481") or ("5684945") or ("5768501") or ("5784359") or ("5893083") or ("6006016") or ("6016553") or ("6057757") or ("6058494") or ("6324659") or ("6148338") or ("6338151") or ("6415372") or ("6449739") or ("6460070") or ("6460147") or ("6470464") or ("6477531") or ("6484206") or ("6490690") or ("1955010") or ("5655081") or ("5568944") or ("5745669") or ("5751964") or ("5758071") or ("6237114") or ("6496282") or ("5553235") or ("6173417") or ("6173420") or ("6185577") or ("6240511") or ("5109350") or ("5704036") or ("5745669") or ("5704036") or ("5745669") or ("5920719") or ("6072777") or ("6181700") or ("6295611") or ("6327677") or ("6405327") or ("4296464") or ("5933594") or ("6012100") or ("6189114")).PN.) and (middleware)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 10:21

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US-592895-\$ or US-6738923-\$ or US-536312-\$ or US-646218-\$ or US-64605337-\$ or US-6249886-\$ or US-64605337-\$ or US-6249886-\$ or US-6460521-\$ or US-6584587-\$ or US-646021-\$ or US-6584587-\$ or US-646021-\$ or US-6584587-\$ or US-6460221-\$ or US-6584587-\$ or US-6460221-\$ or US-6458339-\$ or US-5894583-\$ or US-5471564-\$ or US-4598363-\$ or US-56615161-\$ or US-4598363-\$ or US-3658406-\$ or US-5758189-\$, \dd. or (US-20020162057-\$ \dots or US-20020184555-\$ or US-20020112195-\$ \dots or US-20020184555-\$ or US-20020112195-\$ \dots or US-20030061340-\$).\dd.   11
US-5365512-\$ or US-6446218-\$ or US-6405337-\$ or US-6249886-\$ or US-6405337-\$ or US-6249886-\$ or US-460201-\$ or US-6584587-\$ or US-6460201-\$ or US-6584587-\$ or US-6460201-\$ or US-6584587-\$ or US-6460201-\$ or US-6584587-\$ or US-6460201-\$ or US-5566351-\$ or US-6615161-\$ or US-5566351-\$ or US-3665406-\$ or US-55788189-\$).did. or (US-20020152414-\$ or US-20020184557-\$ or US-20020112199-\$ or US-20020184557-\$ or US-20020152199-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030037294-\$ or US-582853-\$ or US-6602575-\$ or US-582859-\$ or US-6625755-\$ or US-6607-\$ or US-582859-\$ or US-6625755-\$ or US-6625755-\$ or US-582859-\$ or US-6625755-\$ or US-6625755-\$ or US-6625755-\$ or US-582859-\$ or US-6625755-\$ or US-6625755-
US-5812749-\$ or US-6363496-\$ or US-6405337-\$ or US-6249886-\$ or US-4956807-\$ or US-6584587-\$ or US-4660201-\$ or US-6584587-\$ or US-5846225-\$ or US-6173339-\$ or US-5894583-\$ or US-5471564-\$ or US-5894583-\$ or US-5471564-\$ or US-5586351-\$ or US-6151561-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020112195-\$ or US-20020184557-\$ or US-20020112195-\$ or US-20020137294-\$ or US-20020137294-\$ or US-20030037294-\$ or US-5828583-\$ or US-6625755-\$ or US-5828985-\$ or US-6625755-\$ or US-5828583-\$ or US-6625755-\$ or US-5828985-\$ or US-6625755-\$ or US-5828583-\$ or US-6625755-\$ or US-5828985-\$ or US-6625755-\$ or US-5828583-\$ or US-6625755-\$ or US-582895-\$ or US-6625755-\$ or US-582895-\$ or US-6625755-\$ or US-582895-\$ or US-6625755-\$ or US-6854887-\$ or US-68607-\$ or US-582895-\$ or US-687895-\$ or US-6446218-\$ or US-4956807-\$ or US-687859-\$ or US-6446225-\$ or US-6673339-\$ or US-6446225-\$ or US-6615161-\$ or US-5586351-\$ or US-6615161-\$ or US-5586351-\$ or US-6615161-\$ or US-558895-\$ or US-6615161-\$ or US-598955-\$ or US-2002018295-\$ or US-20020182995-\$ or US-2002018295-\$ or US-2002018295-\$ or US-2002018295-\$ or US-2002018295-\$ or US-2002018295-\$ or US-2002018295-\$ or US-20030061340-\$).did.) and middleware USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-907406/09 US-907406/0
US-4956807-\$ or US-6584587-\$ or US-4660201-\$ or US-667859-\$ or US-6446225-\$ or US-6173339-\$ or US-5894583-\$ or US-5471564-\$ or US-5566351-\$ or US-556351-\$ or US-55615161-\$ or US-4598363-\$ or US-3665406-\$ or US-20020184557-\$ or US-20020112195-\$ or US-20020184557-\$ or US-20020112195-\$ or US-20020184557-\$ or US-20020112195-\$ or US-20030061340-\$).did.  11
US-4660201-9 or US-6687859-\$ or US-6446225-\$ or US-5471564-\$ or US-5564351-\$ or US-5471564-\$ or US-5566351-\$ or US-6615161-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184555-\$ or US-20020112195-\$ or US-20020178396-\$ or US-20020178396-\$ or US-20020178396-\$ or US-200300361340-\$).did. ((US-6728781-\$ or US-6625755-\$ or US-20030061340-\$).did. ((US-6728781-\$ or US-6625755-\$ or US-5892895-\$ or US-6738923-\$ or US-5892895-\$ or US-66363496-\$ or US-5892895-\$ or US-66363496-\$ or US-5892895-\$ or US-6687899-\$ or US-4660201-\$ or US-6687859-\$ or US-4660201-\$ or US-5566351-\$ or US-6687899-\$ or US-5566351-\$ or US-56635161-\$ or US-5563516-\$ or US-5578189-\$).did. or (US-20020162057-\$ or US-5588383-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184555-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20030037294-\$ or US-200300361340-\$).did.) and middleware middleware middleware middleware and deleware and deleware middleware middleware and deleware and
US-6446225-\$ or US-6173339-\$ or US-5894583-\$ or US-5471564-\$ or US-5566351-\$ or US-6651661-\$ or US-4598363-\$ or US-3665406-\$ or US-20020184557-\$ or US-20020182414-\$ or US-20020184557-\$ or US-20020157035-\$ or US-200201340-\$). did.  11 3 ((US-6728781-\$ or US-6025755-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030037294-\$ or US-5828583-\$ or US-6502203-\$ or US-6502303-\$ or US-5828583-\$ or US-6502203-\$ or US-650337-\$ or US-5812749-\$ or US-6363496-\$ or US-605337-\$ or US-6446218-\$ or US-6405337-\$ or US-6446218-\$ or US-4956807-\$ or US-6446218-\$ or US-4956807-\$ or US-6584587-\$ or US-4956807-\$ or US-6581531-\$ or US-65173339-\$ or US-6446225-\$ or US-6173339-\$ or US-5894583-\$ or US-6173339-\$ or US-5894583-\$ or US-51758189-\$). did. or (US-20020162057-\$ or US-566551-\$ or US-200201620157035-\$ or US-20020178396-\$ or US-20020152414-\$ or US-202020184557-\$ or US-20020152414-\$ or US-202020184557-\$ or US-20020152414-\$ or US-202020184557-\$ or US-20020152414-\$ or US-20020178396-\$ or US-200201527035-\$ or US-20020178396-\$ or US-200201527035-\$ or US-20020178396-\$ or US-200201527035-\$ or US-2003007294-\$ or US-20020178396-\$ or US-200201527035-\$ or US-2003007294-\$ or US-20020178396-\$ or US-200201527035-\$ or US-20030073294-\$ or US-20020178396-\$ or US-200201527735-\$ or US-2003007294-\$ or US-20020178396-\$ or US-200201527735-\$ or US-2003007294-\$ or US-20020178396-\$ or US-20020178396-\$ or US-20020178396-\$ or US-200201527735-\$ or US-2003007294-\$ or US-20020178396-\$ or US-
US-5894583-\$ or US-6471564-\$ or US-5566351-\$ or US-6615161-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020177035-\$ or US-20030061340-\$).did.  11 3 ((US-6728781-\$ or US-6625755-\$ or US-2002017035-\$ or US-20030061340-\$).did.  US-5892895-\$ or US-6502203-\$ or US-692893-\$ or US-5892895-\$ or US-6738923-\$ or US-565512-\$ or US-6446218-\$ or US-6405337-\$ or US-6446218-\$ or US-6405337-\$ or US-6446218-\$ or US-4660201-\$ or US-64687859-\$ or US-6460201-\$ or US-687859-\$ or US-643396-\$ or US-566351-\$ or US-566351-\$ or US-615161-\$ or US-5566351-\$ or US-6615161-\$ or US-20020184557-\$ or US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184557-\$ or US-200201520157035-\$ or US-20020184557-\$ or US-20020157035-\$ or US-20020164057-\$ or US-20020184557-\$ or US-20020157035-\$ or US-20020184557-\$ or US-20020157035-\$ or US-20020184557-\$ or US-20020157035-\$ or US-20020164057-\$ or US-20020164057-\$ or US-20020164057-\$ or US-20020164057-\$ or US-20020157035-\$ or US-20020164057-\$ or US-20020157035-\$ or US-20030061340-\$).did.) and middleware M
US-5566351-\$ or US-6615161-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184555-\$ or US-200201152414-\$ or US-20020184555-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030037294-\$ or US-5030037294-\$ or US-5030037294-\$ or US-5030037294-\$ or US-5030037294-\$ or US-5030037294-\$ or US-6525755-\$ or US-6528583-\$ or US-6538523-\$ or US-6538523-\$ or US-6538523-\$ or US-633496-\$ or US-5365512-\$ or US-633496-\$ or US-54958607-\$ or US-6446218-\$ or US-4956807-\$ or US-649886-\$ or US-4956807-\$ or US-649886-\$ or US-4956807-\$ or US-6627859-\$ or US-6615161-\$ or US-556351-\$ or US-667859-\$ or US-6615161-\$ or US-55758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184557-\$ or US-2002015212195-\$ or US-20020184555-\$ or US-2002015212195-\$ or US-20020184555-\$ or US-20020157035-\$ or US-20020184557-\$ or US-20020157035-\$ or US-20030061340-\$).did.) and middleware middleware middleware AND cluster\$2  20
US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184555-\$ or US-20020112195-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030061340-\$).did.     11
US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020112195-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030061340-\$).did.  ((US-6728781-\$ or US-6625755-\$ or US-5802893-\$ or US-58029886-\$ or US-4060337-\$ or US-6249886-\$ or US-4660201-\$ or US-6884587-\$ or US-4660201-\$ or US-688759-\$ or US-5894583-\$ or US-5471564-\$ or US-5894583-\$ or US-5471564-\$ or US-5566351-\$ or US-66173339-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184555-\$ or US-20020112195-\$ or US-20020184555-\$ or US-20020112195-\$ or US-20020184555-\$ or US-20020112195-\$ or US-20030061340-\$).did.) and middleware Middlew
or US-20020184557-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020112195-\$ or US-20030037294-\$ or US-20030061340-\$).did. ((US-6728781-\$ or US-6625755-\$ or US-5828583-\$ or US-6502203-\$ or US-5828583-\$ or US-6502203-\$ or US-5865512-\$ or US-6446218-\$ or US-5865512-\$ or US-6446218-\$ or US-4956807-\$ or US-6363496-\$ or US-4956807-\$ or US-6584587-\$ or US-4660201-\$ or US-6687859-\$ or US-5894583-\$ or US-5471564-\$ or US-5566351-\$ or US-6615161-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184557-\$ or US-200201527035-\$ or US-20020184557-\$ or US-20020157035-\$ or US-20030061340-\$).did.) and middleware middleware  12  2927  middleware AND cluster\$2  middleware AND cluster\$2  middleware AND cluster\$2  2004/06/09 12:50
or US-20020184555-\$ or US-20020112195-\$ or US-2002003936-\$ or US-20020178396-\$ or US-20020178396-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030061340-\$).did.  ((US-6728781-\$ or US-6625755-\$ or US-5828583-\$ or US-6502203-\$ or US-5828583-\$ or US-6502203-\$ or US-5828583-\$ or US-6738923-\$ or US-5892895-\$ or US-6446218-\$ or US-5892495-\$ or US-6446218-\$ or US-6405337-\$ or US-649886-\$ or US-4956807-\$ or US-649886-\$ or US-4956807-\$ or US-6486825-\$ or US-6687859-\$ or US-6446225-\$ or US-6687859-\$ or US-5894583-\$ or US-56173339-\$ or US-5894583-\$ or US-561561561-\$ or US-4598363-\$ or US-3665406-\$ or US-4598363-\$ or US-3665406-\$ or US-4598363-\$ or US-20020184557-\$ or US-20020184555-\$ or US-20020152414-\$ or US-20020184555-\$ or US-2002015295-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware  12 2927 middleware AND cluster\$2
or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030061340-\$).did.  ((US-6728781-\$ or US-6625755-\$ or US-5828583-\$ or US-6502203-\$ or US-5828583-\$ or US-6502203-\$ or US-582895-\$ or US-6738923-\$ or US-5812749-\$ or US-6446218-\$ or US-4956807-\$ or US-4956807-\$ or US-4956807-\$ or US-6584587-\$ or US-4960201-\$ or US-6584587-\$ or US-6446225-\$ or US-6673893-\$ or US-646225-\$ or US-66733339-\$ or US-5894583-\$ or US-5566351-\$ or US-66733339-\$ or US-5566351-\$ or US-6673339-\$ or US-5566351-\$ or US-6675151-\$ or US-5566351-\$ or US-665151-\$ or US-5566351-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020184557-\$ or US-20020178396-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020152414-\$ or US-20030037294-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware  12 2927 middleware  20 366 middleware AND cluster\$2 USPAT;
US-20030061340-\$).did. ((US-6728781-\$ or US-6625755-\$ or US-5828583-\$ or US-6502203-\$ or US-5828583-\$ or US-6738923-\$ or US-9692895-\$ or US-6363496-\$ or US-58212749-\$ or US-6405337-\$ or US-4646218-\$ or US-4956807-\$ or US-687859-\$ or US-46825-\$ or US-687859-\$ or US-6446225-\$ or US-6173339-\$ or US-5894583-\$ or US-5894583-\$ or US-5894583-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020182414-\$ or US-20020184555-\$ or US-20020152414-\$ or US-20020184555-\$ or US-20020152414-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware middleware and cluster\$2  20  366 middleware AND cluster\$2  USPAT; US-PGPUB; 2004/06/09 12:59
11 3 ((US-6728781-\$ or US-6625755-\$ or US-5282583-\$ or US-6502203-\$ or US-5892895-\$ or US-6502203-\$ or US-6502203-\$ or US-5892895-\$ or US-6738923-\$ or US-6738923-\$ or US-6738923-\$ or US-5365512-\$ or US-6446218-\$ or US-6405337-\$ or US-6249886-\$ or US-495607-\$ or US-6584587-\$ or US-4660201-\$ or US-6847859-\$ or US-6446225-\$ or US-66173339-\$ or US-5566351-\$ or US-66173339-\$ or US-5566351-\$ or US-6615161-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020112195-\$ or US-20020178396-\$ or US-20020112195-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware AND cluster\$2 US-7679UB; US
US-5828583-\$ or US-6502203-\$ or US-5892895-\$ or US-6738923-\$ or US-5865512-\$ or US-6446218-\$ or US-5812749-\$ or US-6363496-\$ or US-6405337-\$ or US-6249886-\$ or US-496807-\$ or US-6887859-\$ or US-6460201-\$ or US-6887859-\$ or US-646225-\$ or US-6173339-\$ or US-5894583-\$ or US-5756351-\$ or US-6615161-\$ or US-4598363-\$ or US-5645406-\$ or US-5566351-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184557-\$ or US-20020152195-\$ or US-20020184555-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware  12 2927
US-5892895-\$ or US-6738923-\$ or US-5365512-\$ or US-6446218-\$ or US-5812749-\$ or US-6363496-\$ or US-6405337-\$ or US-6249886-\$ or US-4956807-\$ or US-6584587-\$ or US-4660201-\$ or US-6687859-\$ or US-5894583-\$ or US-5471564-\$ or US-5894583-\$ or US-566351-\$ or US-6615161-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184555-\$ or US-20020112195-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware Mi
US-5365512-\$ or US-6446218-\$ or US-5812749-\$ or US-6363496-\$ or US-6405337-\$ or US-6249886-\$ or US-4956807-\$ or US-6487859-\$ or US-6446225-\$ or US-6687859-\$ or US-5894583-\$ or US-5471564-\$ or US-5566351-\$ or US-6615161-\$ or US-4598363-\$ or US-3665406-\$ or US-20020184557-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184555-\$ or US-20020152414-\$ or US-20020184555-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware middleware AND cluster\$2  20  366 middleware AND cluster\$2  DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGP
US-5812749-\$ or US-6363496-\$ or US-6405337-\$ or US-6249886-\$ or US-4956807-\$ or US-6584587-\$ or US-4660201-\$ or US-6687859-\$ or US-6446225-\$ or US-6173339-\$ or US-5566351-\$ or US-56615161-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184555-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware middleware  12 2927 Middleware AND cluster\$2 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 12:50
US-6405337-\$ or US-6249886-\$ or US-4956807-\$ or US-4956807-\$ or US-6584587-\$ or US-4660201-\$ or US-6687859-\$ or US-6446225-\$ or US-6173339-\$ or US-5894583-\$ or US-5471564-\$ or US-5566351-\$ or US-6615161-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184555-\$ or US-20020112195-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware middleware Middleware Middleware Middleware AND cluster\$2  20  366  middleware AND cluster\$2  USPAT; US-PGPUB; US
US-4956807-\$ or US-6584587-\$ or US-4660201-\$ or US-6687859-\$ or US-4660201-\$ or US-6687859-\$ or US-6446225-\$ or US-6173339-\$ or US-5894583-\$ or US-5471564-\$ or US-5566351-\$ or US-3665406-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-2030061340-\$).did.) and middleware middleware middleware Middleware AND cluster\$2  20 366 middleware AND cluster\$2  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;
US-6446225-\$ or US-6173339-\$ or US-5894583-\$ or US-5471564-\$ or US-5566351-\$ or US-6615161-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020112195-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware middleware Middleware AND cluster\$2  20  366  middleware AND cluster\$2  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 12:59
US-5894583-\$ or US-5471564-\$ or US-5566351-\$ or US-6615161-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware middleware  12 2927 middleware AND cluster\$2 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; U
US-5566351-\$ or US-6615161-\$ or US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware middleware  12 2927 middleware AND cluster\$2 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-
US-4598363-\$ or US-3665406-\$ or US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware  12 2927 middleware  20 366 middleware AND cluster\$2 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 12:59
US-5758189-\$).did. or (US-20020162057-\$ or US-20020184557-\$ or US-20020152414-\$ or US-20020184555-\$ or US-20020112195-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware  12 2927 middleware  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB; IS-PGPUB; US-PGPUB;
or US-20020184557-\$ or US-20020152414-\$ or US-20020184555-\$ or US-20020112195-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware  12 2927 middleware  12 2927 middleware  20 366 middleware AND cluster\$2 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 12:59
or US-20020184555-\$ or US-20020112195-\$ or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware middleware middleware  12 2927 middleware
or US-20020178396-\$ or US-20020157035-\$ or US-20030037294-\$ or US-20030061340-\$).did.) and middleware  12 2927 middleware  12 2927 middleware  20 366 middleware AND cluster\$2 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB; I2:59
US-20030061340-\$).did.) and middleware  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 12:50  20 366 middleware AND cluster\$2 USPAT; US-PGPUB; 12:50
12 2927 middleware USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; USPAT; US-PGPUB; DERWENT; USPAT; USPAT; US-PGPUB; US-PGP
US-PGPUB; 12:50 EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/06/09 US-PGPUB; 12:59
EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT; US-PGPUB; 12:59
DERWENT; IBM_TDB USPAT; USPAT; US-PGPUB; 12:59
IBM_TDB   USPAT; 2004/06/09   US-PGPUB; 12:59
20   366 middleware AND cluster\$2   USPAT;   2004/06/09   12:59
US-PGPUB; 12:59
EPO; JPO;
DERWENT;
IBM_TDB USPAT; 2004/06/09
19.   50   middleware same cluster\$2   USPAT;   2004/06/09   US-PGPUB;   12:54
EPO; JPO;
DERWENT;
IBM_TDB
23 29 middleware WITH cluster\$2 USPAT; 2004/06/09
US-PGPUB; 12:54
EPO; JPO;
DERWENT;
24 289 middleware AND cluster\$2 and client\$1 USPAT; 2004/06/09
US-PGPUB; 13:23
EPO; JPO;
DERWENT;
IBM_TDB
25 24 (middleware WITH cluster\$2) and USPAT; 2004/06/09
(@ad<=20011026 @rlad<=20011026 US-PGPUB; 14:24
@prad<=20011026 @pd<=20011026)
DERWENT;
IBM_TDB   26   223 (middleware AND cluster\$2 and client\$1)   USPAT;   2004/06/09
and (@ad<=20011026 @rlad<=20011026 US-PGPUB; 13:23
@prad<=20011026 @pd<=20011026)
DERWENT;
IBM TDB

Page 2

		//## (0.25,0.0 #) /## ((6.64,0.1 #)	TICDAC:	2004/06/00
4	51	(("5623598") or ("5666481") or ("5684945") or ("5768501") or ("5784359")	USPAT; US-PGPUB	2004/06/09
		or ("5893083") or ("6006016") or	05-FGF0B	13.22
		("6016553") or ("6057757") or ("6058494")		
		or ("6324659") or ("6148338") or		1
		("6338151") or ("6415372") or ("6449739")		
		or ("6460070") or ("6460147") or		
		("6470464") or ("6477531") or ("6484206")		
•	,	or ("6490690") or ("t955010") or		1
	*	("5655081") or ("5668944") or ("5745669")		
		or ("5751964") or ("5758071") or		
		("6237114") or ("6496282") or ("5553235")		
		or ("6173417") or ("6173420") or		
		("6185577") or ("6240511") or ("5109350") or ("5193151") or ("5485574") or		]
:		("5506955") or ("5664106") or ("5699350")		
		or ("5704036") or ("5745669") or		
		("5920719") or ("6072777") or ("6181700")		
		or ("6295611") or ("6327677") or		
		("6405327") or ("4296464") or ("5933594")		
		or ("6012100") or ("6189114")).PN.		
27	0	((("5623598") or ("5666481") or	USPAT;	2004/06/09
		("5684945") or ("5768501") or ("5784359")	US-PGPUB;	14:22
i		or ("5893083") or ("6006016") or	EPO; JPO;	.
		("6016553") or ("6057757") or ("6058494")	DERWENT;	
		or ("6324659") or ("6148338") or	IBM_TDB	
		("6338151") or ("6415372") or ("6449739") or ("6460070") or ("6460147") or		
		("6470464") or ("6477531") or ("6484206")		
		or ("6490690") or ("t955010") or		
		("5655081") or ("5668944") or ("5745669")		
•		or ("5751964") or ("5758071") or		ĺ
		("6237114") or ("6496282") or ("5553235")		
		or ("6173417") or ("6173420") or		
		("6185577") or ("6240511") or ("5109350")		1
		or ("5193151") or ("5485574") or		
		("5506955") or ("5664106") or ("5699350")		
		or ("5704036") or ("5745669") or		
		("5920719") or ("6072777") or ("6181700")		
		or ("6295611") or ("6327677") or ("6405327") or ("4296464") or ("5933594")		
		or ("6012100") or ("4296464") or ("5933594") or ("6012100") or ("6189114")).PN.) and		
		middleware		
28	736	(middleware) and (watchdog\$1 watch-dog\$1	USPAT;	2004/06/09
	, , , , ,	(watch adj dog\$1) WDT (tim\$3 adj out\$1)	US-PGPUB;	14:24
		timeout\$1 time-out\$1 heartbeat\$1	EPO; JPO;	
		heart-beat\$1 (heart adj beat\$1) keepalive	DERWENT;	
		keep-alive (keep adj alive) poll\$3)	IBM_TDB	
29	599	(middleware) and (watchdog\$1 watch-dog\$1	USPAT;	2004/06/09
		(watch adj dog\$1) WDT (tim\$3 adj out\$1)	US-PGPUB;	14:24
		timeout\$1 time-out\$1 heartbeat\$1	EPO; JPO;	
		heart-beat\$1 (heart adj beat\$1) keepalive	DERWENT;	
		keep-alive (keep adj alive) poll\$3) and	IBM_TDB	
30	152	<pre>client\$1 (middleware) and (watchdog\$1 watch-dog\$1</pre>	USPAT;	2004/06/09
30	132	(watch adj dog\$1) WDT (tim\$3 adj out\$1)	US-PGPUB;	14:27
		timeout\$1 time-out\$1 heartbeat\$1	EPO; JPO;	1
	į	heart-beat\$1 (heart adj beat\$1) keepalive	DERWENT;	
		keep-alive (keep adj alive) poll\$3) and	IBM TDB	
		client\$1 and cluster\$2		
31	127	((middleware) and (watchdog\$1 watch-dog\$1	USPAT;	2004/06/09
		(watch adj dog\$1) WDT (tim\$3 adj out\$1)	US-PGPUB;	14:27
		timeout\$1 time-out\$1 heartbeat\$1	EPO; JPO;	
		heart-beat\$1 (heart adj beat\$1) keepalive	DERWENT;	
		keep-alive (keep adj alive) poll\$3) and	IBM_TDB	
		client\$1 and cluster\$2) and		
		(@ad<=20011026 @rlad<=20011026		
	L	<pre>@prad&lt;=20011026 @pd&lt;=20011026)</pre>	L	L

	113	<pre>(middleware) and (watchdog\$1 watch-dog\$1  (watch adj dog\$1) WDT (tim\$3 adj out\$1)  timeout\$1 time-out\$1 heartbeat\$1  heart-beat\$1 (heart adj beat\$1) keepalive  keep-alive (keep adj alive)) and client\$1  and cluster\$2</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 14:33
33	92	· ·	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 14:27
34	19		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/09 14:33
35	9		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 14:49
38	6	· · · · · · · · · · · · · · · · · · ·	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/09
39	3350	distributed with clients	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/09
40	115	distributed with (clients near3 application)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/09 14:52
-	1	10/008855	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/08 10:49
-	2	kumar.in. and sun.as. and (full adj connectivity)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/06 16:02
-	0	((("5623598") or ("5666481") or ("5684945") or ("5768501") or ("5784359") or ("5893083") or ("6006016") or ("6016553") or ("6057757") or ("6058494") or ("6324659") or ("6148338") or ("6338151") or ("6415372") or ("6449739") or ("6460070") or ("6460147") or ("6470464") or ("6477531") or ("6484206") or ("6490690") or ("t955010") or ("5655081") or ("5668944") or ("5745669")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/06
•		or ("5751964") or ("5758071") or ("6237114") or ("6496282") or ("5553235") or ("6173417") or ("6173420") or ("6185577") or ("6240511") or ("5109350") or ("5193151") or ("5485574") or ("5506955") or ("5664106") or ("5699350") or ("5704036") or ("5745669") or ("57920719") or ("6072777") or ("6181700") or ("6295611") or ("6327677") or ("6405327") or ("4296464") or ("5933594") or ("6012100") or ("6189114")).PN.) and (chang\$3 near threshold\$1)		

Page 4

				T
-	222	(714/31).CCLS.	USPAT;	2004/06/07
			US-PGPUB;	10:03
			EPO; JPO; DERWENT;	
			IBM TDB	
-	51	(("5623598") or ("5666481") or	USPAT;	2004/06/09
		("5684945") or ("5768501") or ("5784359")	US-PGPUB	10:20
		or ("5893083") or ("6006016") or		
		("6016553") or ("6057757") or ("6058494")		
:	1	or ("6324659") or ("6148338") or		
-	1	("6338151") or ("6415372") or ("6449739")		
	1	or ("6460070") or ("6460147") or		
		("6470464") or ("6477531") or ("6484206") or ("6490690") or ("t955010") or		
		("5655081") or ("5668944") or ("5745669")		
	1	or ("5751964") or ("5758071") or		
	1	("6237114") or ("6496282") or ("5553235")		
		or ("6173417") or ("6173420") or		
		("6185577") or ("6240511") or ("5109350")	ļ	
	1	or ("5193151") or ("5485574") or ("5506955") or ("5664106") or ("5699350")		
		or ("5704036") or ("5745669") or		1
•		("5920719") or ("6072777") or ("6181700")		
	1	or ("6295611") or ("6327677") or		
		("6405327") or ("4296464") or ("5933594")		
		or ("6012100") or ("6189114")).PN.		
-	181	(714/12).CCLS.	USPAT;	2004/06/07
	Į.		US-PGPUB;	10:03
			EPO; JPO; DERWENT;	
			IBM TDB	
-	951	((714/4).CCLS.) and (@ad<=20011026	USPAT;	2004/06/08
		@rlad<=20011026 @prad<=20011026	US-PGPUB;	13:03
		@pd<=20011026)	EPO; JPO;	
	1		DERWENT;	
	]	00/04/000	IBM_TDB	
-	1	09/846801	USPAT;	2004/06/08
	1		US-PGPUB; EPO; JPO;	13:02
	1		DERWENT;	]
			IBM TDB	
-	0	6738923.URPN.	USPAT	2004/06/07
		(710 (100) 777 7		15:01
-	767	(713/100).CCLS.	USPAT;	2004/06/08
			US-PGPUB; EPO; JPO;	10:49
			DERWENT;	
		*	IBM TDB	
-	777	(714/47).CCLS.	USPAT;	2004/06/08
			US-PGPUB;	10:57
			EPO; JPO;	
			DERWENT;	
_	680	(714/48).CCLS.	IBM_TDB USPAT;	2004/06/08
		(/13/30).0000.	US-PGPUB;	10:57
			EPO; JPO;	
	1		DERWENT;	1
1	1		IBM_TDB	
-	294	(714/55).CCLS.	USPAT;	2004/06/08
			US-PGPUB;	10:57
			EPO; JPO;	
			DERWENT; IBM TDB	
-	1017	(714/4).CCLS.	USPAT;	2004/06/08
	/	· · · · · · · · · · · · · · · · · · ·	US-PGPUB;	10:58
			EPO; JPO;	
			DERWENT;	
_ '		/"AE03E3EH   #A6007E3H   #A0146E7H\ PY	IBM_TDB	2004/06/09
1 -	3	("4503535"   "4680753"   "4914657").PN.	USPAT	2004/06/08
_	1	6363496.URPN.	USPAT	2004/06/08
			ODIAL	11:32

-	8	(("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or	USPAT; US-PGPUB	2004/06/08 13:02
_	9	("20020184557")).PN. (("4809276") or ("5815647") or	USPAT;	2004/06/08
-		("5864653") or ("5938776") or ("6032271") or ("6243833") or ("6333929") or ("6574755") or ("6591324")).PN.	US-PGPUB	13:02
-	5	(("5267242") or ("5553231") or ("6038680") or ("6442711") or	USPAT; US-PGPUB	2004/06/08 13:02
_	7	("6711702")).PN.   ("5774479"   "6014707"   "6112323"     "6154849"   "6363496"   "6405337"     "6467048").PN.	USPAT	2004/06/08 13:02
-	725	(((713/100).CCLS.) not (((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or	USPAT; US-PGPUB; EPO; JPO;	2004/06/08 13:08
		("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("5864653") or ("5938776") or ("6032271") or ("6243833") or ("6333929") or ("6574755") or ("6591324")).PN.) ((("5267242") or ("5553231") or ("6038680") or ("6442711") or ("6711702")).PN.) (("5774479"   "6014707"	DERWENT; IBM_TDB	
		"6112323"   "6154849"   "6363496"   "6405337"   "6467048").PN.))) and (@ad<=20011026 @rlad<=20011026 @prad<=20011026 @pd<=20011026)		
-	956		USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/08 13:04
-	5	((714/4).CCLS.) and (@ad<=20011026 @rlad<=20011026 @prad<=20011026 @pd<=20011026) and @pd>20040607	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/08 13:06
_	313	((713/100).CCLS.) and (watchdog\$1 watch-dog\$1 (watch adj dog\$1) WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/08 17:31
	292	<pre>watch-dog\$1 (watch adj dog\$1) WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) not (((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("5864653") or ("5938776") or ("6032271") or ("6243833") or ("6333929") or ("6574755") or ("6591324")).PN.) ((("5267242") or ("5553231") or ("6038680") or ("6442711") or ("6711702")).PN.) (("5774479"   "6014707"   "6112323"   "6154849"  </pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/08 13:14
		"6363496"   "6405337"   "6467048").PN.))) and (@ad<=20011026 @rlad<=20011026 @prad<=20011026 @pd<=20011026)		

	60	((713/100).CCLS.) and 714.clas.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/08 13:14
	28	((((713/100).CCLS.) and 714.clas.) not ((((713/100).CCLS.) and (watchdog\$1 watch-dog\$1 (watch adj dog\$1) WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5938776") or ("6032271") or ("6243833") or ("6333929") or ("6574755") or ("6591324")).PN.) ((("5267242") or ("5553231") or ("6038680") or ("6442711") or ("60112323"   "6154849"   "6363496"   "6405337"   "6467048").PN.))) and (@ad<=20011026 @rlad<=20011026	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/08 13:25
	288	<pre>@prad&lt;=20011026 @pd&lt;=20011026)   (((714/55).CCLS.) not ((((713/100).CCLS.)   and 714.clas.) (((713/100).CCLS.) and   (watchdog\$1 watch-dog\$1 (watch adj dog\$1) WDT timer\$1 (tim\$3 adj out\$1) timeout\$1   time-out\$1 duration\$1 interval\$1 hang\$3   hung (lock\$3 adj up) deadlock heartbeat\$1   heart-beat\$1 (heart adj beat\$1) keepalive   keep-alive (keep adj alive) poll\$3))   ((714/4).CCLS.) (("4503535"   "4680753"     "4914657").PN.) 6363496.URPN.   (("4118790") or ("4532628") or   ("5828583") or ("5968182") or ("6381710")   or ("6442711") or ("6625755") or   ("20020184557")).PN.) ((("4809276") or   ("5815647") or ("5864653") or ("5938776")   or ("6333929") or ("6574755") or   ("6591324")).PN.) ((("5267242") or   ("5553231") or ("6038680") or ("6442711")   or ("6711702")).PN.) (("57774479"     "6014707"   "6112323"   "6154849"     "6363496"   "6405337"   "6467048").PN.)))   and (@ad&lt;=20011026 @rlad&lt;=20011026   @prad&lt;=20011026</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/08
_	2	•	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/08 14:49
	6	I · · · · · · · · · · · · · · · · · · ·	USPAT	2004/06/08
-	6	"5894583"   "5978939"   "6012154").PN. 6173339.URPN.	USPAT	17:11 2004/06/08 17:11

-	6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USPAT;	2004/06/08
		"5894583"   "5978939"   "6012154").PN.)	US-PGPUB;	17:15
		6173339.URPN.) not (((714/55).CCLS.)	EPO; JPO;	
ł		(((713/100).CCLS.) and 714.clas.)	DERWENT;	
İ		(((713/100).CCLS.) and (watchdog\$1	IBM_TDB	
		watch-dog\$1 (watch adj dog\$1) WDT timer\$1		
İ		(tim\$3 adj out\$1) timeout\$1 time-out\$1		
		duration\$1 interval\$1 hang\$3 hung (lock\$3		
		adj up) deadlock heartbeat\$1 heart-beat\$1		
		(heart adj beat\$1) keepalive keep-alive		
Ì		(keep adj alive) poll\$3)) ((714/4).CCLS.)		
		(("4503535"   "4680753"   "4914657").PN.)		
		6363496.URPN. ((("4118790") or		
		("4532628") or ("5828583") or ("5968182")		
		or ("6381710") or ("6442711") or		
Ì	ľ	("6625755") or ("20020184557")).PN.)	}	İ
		((("4809276") or ("5815647") or		
		("5864653") or ("5938776") or ("6032271")		
		or ("6243833") or ("6333929") or		
		("6574755") or ("6591324")).PN.)		
*	· 1	((("5267242") or ("5553231") or		
İ		("6038680") or ("6442711") or		
		("6711702")).PN.) (("5774479"   "6014707"		
ŀ		"6112323"   "6154849"   "6363496"		
1		"6405337"   "6467048").PN.))) and		
1		(@ad<=20011026 @rlad<=20011026	}	
1		@prad<=20011026 @pd<=20011026)		
l _	12	•	USPAT	2004/06/08
	1	"5003462"   "5257368"   "5257379"	052111	17:14
		"5307482"   "5333274"   "5357612"	1	* / * * * *
		"5388254"   "5471609"   "5613066").PN.		
	5		USPAT	2004/06/08
	3	JUJ4JUJ.UNFN.	OSEMI	17:14
	-	/#/991190#   #5077661#   #5202002#	USPAT	2004/06/08
-	5	i i	OSPAI	17:15
	1	"5220674"   "5361332").PN.	IIGDAM	
-	27	5471564.URPN.	USPAT	2004/06/08
ĺ		////#4371030#   #4771403#   #4074147#		17:15
-	42		USPAT;	2004/06/08
		"5003462"   "5257368"   "5257379"   "5257379"	US-PGPUB;	17:21
		"5307482"   "5333274"   "5357612"	EPO; JPO;	
		"5388254"   "5471609"   "5613066").PN.)	DERWENT;	
į		5894583.URPN. (("4881180"   "5077661"	IBM_TDB	
٠.		"5202993"   "5220674"   "5361332").PN.)		
		5471564.URPN.) not ((("5471564"		
		"5699511"   "5768620"   "5894583"	1	
1		"5978939"   "6012154").PN.) 6173339.URPN.		
1	1	((714/55).CCLS.) (((713/100).CCLS.) and		
1		714.clas.) (((713/100).CCLS.) and		
	1	(watchdog\$1 watch-dog\$1 (watch adj dog\$1)		
				i .
	ł	WDT timer\$1 (tim\$3 adj out\$1) timeout\$1		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3))		
•		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN.		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN.		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or		
-		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or		
-		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or		
-		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("5864653") or ("5938776")		
-		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("5864653") or ("5938776") or ("6032271") or ("6243833") or ("6333929") or ("6574755") or		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("5864653") or ("5938776") or ("6032271") or ("6243833") or ("6333929") or ("6574755") or ("6591324")).PN.) ((("5267242") or		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("5864653") or ("5938776") or ("6032271") or ("6243833") or ("6591324")).PN.) ((("5267242") or ("6591324")).PN.) ((("5267242") or ("5553231") or ("6038680") or ("6442711")		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("58164653") or ("5938776") or ("6333929") or ("6574755") or ("6591324")).PN.) ((("5267242") or ("6591324")).PN.) ((("5267242") or ("6711702")).PN.) (("5774479"		
-		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("5815647") or ("584653") or ("5938776") or ("6333929") or ("6574755") or ("6591324")).PN.) ((("5267242") or ("6591324")).PN.) ((("5774479"   "6014707"   "6112323"   "6154849"		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("5815647") or ("5846653") or ("5938776") or ("6333929") or ("6574755") or ("6591324")).PN.) ((("5267242") or ("6591324")).PN.) ((("5774479"   "6014707"   "6112323"   "6154849"   "6363496"   "6405337"   "6467048").PN.)))		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1 time-out\$1 duration\$1 interval\$1 hang\$3 hung (lock\$3 adj up) deadlock heartbeat\$1 heart-beat\$1 (heart adj beat\$1) keepalive keep-alive (keep adj alive) poll\$3)) ((714/4).CCLS.) (("4503535"   "4680753"   "4914657").PN.) 6363496.URPN. ((("4118790") or ("4532628") or ("5828583") or ("5968182") or ("6381710") or ("6442711") or ("6625755") or ("20020184557")).PN.) ((("4809276") or ("5815647") or ("5815647") or ("584653") or ("5938776") or ("6333929") or ("6574755") or ("6591324")).PN.) ((("5267242") or ("6591324")).PN.) ((("5774479"   "6014707"   "6112323"   "6154849"		

- 2	25 ("3634869"   "3665406"   "4027289"	USPAT	2004/06/08
	"4156472"   "4159516"   "4342082"		17:18
1	"4352201"   "4383166"   "4450481"		
	"4499536"   "4598363"   "4638428"		
-	"4894822"   "4931924"   "5010329"		
	"5023869"   "5038275"   "5070526"		
	"5081577"   "5095526"   "5230067"		
	"5301278"   "5414858"   "5467463"		
1	"5471564").PN.		
-   2	24   5566351.URPN.	USPAT	2004/06/08
			17:18
-   4	18 (((("3634869"   "3665406"   "4027289"	USPAT;	2004/06/08
]	"4156472"   "4159516"   "4342082"	US-PGPUB;	17:30
1	"4352201"   "4383166"   "4450481"	EPO; JPO;	
	"4499536"   "4598363"   "4638428"	DERWENT;	
_	"4894822"   "4931924"   "5010329"	IBM TDB	
	"5023869"   "5038275"   "5070526"	==	
	"5081577"   "5095526"   "5230067"		
	"5301278"   "5414858"   "5467463"		
1	"5471564").PN.) 5566351.URPN.) not		
	((("4371932"   "4771403"   "4974147"	1	
1	"5003462"   "5257368"   "5257379"		ļ
	"5307482"   "5333274"   "5357612"		
	"5388254"   "5471609"   "5613066").PN.)		
	5894583.URPN. (("4881180"   "5077661"		i
	"5202993"   "5220674"   "5361332").PN.)		
1	5471564.URPN. (("5471564"   "5699511"		
-			-
	"5768620"   "5894583"   "5978939"		
1	"6012154").PN.) 6173339.URPN.		
1	((714/55).CCLS.) (((713/100).CCLS.) and		
1	714.clas.) (((713/100).CCLS.) and		
1	(watchdog\$1 watch-dog\$1 (watch adj dog\$1)	1	
	WDT timer\$1 (tim\$3 adj out\$1) timeout\$1		
1	time-out\$1 duration\$1 interval\$1 hang\$3		
]	hung (lock\$3 adj up) deadlock heartbeat\$1		
	heart-beat\$1 (heart adj beat\$1) keepalive	1	
	keep-alive (keep adj alive) poll\$3))	1	
1	((714/4).CCLS.) (("4503535"   "4680753"	1	
.	"4914657").PN.) 6363496.URPN.		<b> </b>
	((("4118790") or ("4532628") or		
[	("5828583") or ("5968182") or ("6381710")		
	or ("6442711") or ("6625755") or	1	
	("20020184557")).PN.) ((("4809276") or	1	
	("5815647") or ("5864653") or ("5938776")		
	or ("6032271") or ("6243833") or	1	
	("6333929") or ("6574755") or	1	
	("6591324")).PN.) ((("5267242") or		
	("5553231") or ("6038680") or ("6442711")	1	
	or ("6711702")).PN.) (("5774479"	-	
	"6014707"   "6112323"   "6154849"		
	"6363496"   "6405337"   "6467048").PN.)))		
	and (@ad<=20011026 @rlad<=20011026		
	<pre>@prad&lt;=20011026 @pd&lt;=20011026)</pre>		

<u> </u>	684	(((714/47).CCLS.) not ((("3634869"	USPAT;	2004/06/08
		"3665406"   "4027289"   "4156472"	US-PGPUB;	17:32
		"4159516"   "4342082"   "4352201"	EPO; JPO;	
	1	"4383166"   "4450481"   "4499536"	DERWENT;	
		"4598363"   "4638428"   "4894822"	IBM TDB	
•		"4931924"   "5010329"   "5023869"		
	1	"5038275"   "5070526"   "5081577"	-	
1	1	"5095526"   "5230067"   "5301278"		
	1	"5414858"   "5467463"   "5471564").PN.)		
		5566351.URPN. (("4371932"   "4771403"		
		"4974147"   "5003462"   "5257368"		
_		"5257379"   "5307482"   "5333274"		
		"5357612"   "5388254"   "5471609"		l
		"5613066").PN.) 5894583.URPN. (("4881180"		
		"5077661"   "5202993"   "5220674"		
		"5361332").PN.) 5471564.URPN. (("5471564"		
		, ,		
1		"5978939"   "6012154").PN.) 6173339.URPN.		
		((714/55).CCLS.) (((713/100).CCLS.) and		
	1	714.clas.) (((713/100).CCLS.) and		
		(watchdog\$1 watch-dog\$1 (watch adj dog\$1)		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1		
-	1	time-out\$1 duration\$1 interval\$1 hang\$3		
1		hung (lock\$3 adj up) deadlock heartbeat\$1		
		heart-beat\$1 (heart adj beat\$1) keepalive		
		keep-alive (keep adj alive) poll\$3))		
		((714/4).CCLS.) (("4503535"   "4680753"		
		"4914657").PN.) 6363496.URPN.		
		((("4118790") or ("4532628") or	1	
		("5828583") or ("5968182") or ("6381710")		
		or ("6442711") or ("6625755") or		l
		("20020184557")).PN.) ((("4809276") or		
		("5815647") or ("5864653") or ("5938776")		
		or ("6032271") or ("6243833") or		
		("6333929") or ("6574755") or		
		("6591324")).PN.) ((("5267242") or		
		("5553231") or ("6038680") or ("6442711")	}	
		or ("6711702")).PN.) (("5774479"		
		"6014707"   "6112323"   "6154849"	!	
		"6363496"   "6405337"   "6467048").PN.)))	i	
		and (@ad<=20011026 @rlad<=20011026		
		@prad<=20011026 @pd<=20011026)		
-	514	((714/47).CCLS.) and (watchdog\$1	USPAT;	2004/06/09
1		watch-dog\$1 (watch adj dog\$1) WDT timer\$1	US-PGPUB;	14:22
	1	(tim\$3 adj out\$1) timeout\$1 time-out\$1	EPO; JPO;	
	1	duration\$1 interval\$1 hang\$3 hung (lock\$3	DERWENT;	
	1	adj up) deadlock heartbeat\$1 heart-beat\$1	IBM_TDB	
	Į.	(heart adj beat\$1) keepalive keep-alive	I -	
		(keep adj alive) poll\$3)		

_ T	445	((((714/47).CCLS.) and (watchdog\$1	USPAT;	2004/06/08
	110	watch-dog\$1 (watch adj dog\$1) WDT timer\$1	US-PGPUB;	18:23
		(tim\$3 adj out\$1) timeout\$1 time-out\$1	EPO; JPO;	13123
		duration\$1 interval\$1 hang\$3 hung (lock\$3	DERWENT;	
1		adj up) deadlock heartbeat\$1 heart-beat\$1	IBM TDB	·
		(heart adj beat\$1) keepalive keep-alive	1511_155	1
		(keep adj alive) poll\$3)) not		
İ		((("3634869"   "3665406"   "4027289"		
		"4156472"   "4159516"   "4342082"		
		4156472		
		"4499536"   "4598363"   "4638428"		1
		"4499536"   "4596363		
		"4094022"		
		"5023869"   "5038275"   "5070526"		
		"5081577"   "5095526"   "5230067"		
		"5301278"   "5414858"   "5467463"		
		"5471564").PN.) 5566351.URPN. (("4371932"		į.
		"4771403"   "4974147"   "5003462"		
		"5257368"   "5257379"   "5307482"		
		"5333274"   "5357612"   "5388254"		1
-		"5471609"   "5613066").PN.) 5894583.URPN.		
		(("4881180"   "5077661"   "5202993"		1
		"5220674"   "5361332").PN.) 5471564.URPN.		1
		(("5471564"   "5699511"   "5768620"		ł
		"5894583"   "5978939"   "6012154").PN.)		
		6173339.URPN. ((714/55).CCLS.)		
		(((713/100).CCLS.) and 714.clas.)		
		(((713/100).CCLS.) and (watchdog\$1		-
		<pre>watch-dog\$1 (watch adj dog\$1) WDT timer\$1</pre>		
		(tim\$3 adj out\$1) timeout\$1 time-out\$1		
		duration\$1 interval\$1 hang\$3 hung (lock\$3		
		adj up) deadlock heartbeat\$1 heart-beat\$1		
		(heart adj beat\$1) keepalive keep-alive		
		(keep adj alive) poll $\$3$ )) ((714/4).CCLS.)		
		(("4503535"   "4680753"   "4914657").PN.)	ļ	
		6363496.URPN. ((("4118790") or		
		("4532628") or ("5828583") or ("5968182")		
		or ("6381710") or ("6442711") or		
		("6625755") or ("20020184557")).PN.)		
		((("4809276") or ("5815647") or		
		("5864653") or ("5938776") or ("6032271")	i	
		or ("6243833") or ("6333929") or		
		("6574755") or ("6591324")).PN.)		
•		((("5267242") or ("5553231") or	1	
		("6038680") or ("6442711") or	Ì	
		("6711702")).PN.) (("5774479"   "6014707"		
		"6112323"   "6154849"   "6363496"		
		"6405337"   "6467048").PN.))) and		
		(@ad<=20011026 @rlad<=20011026		
		<pre>@prad&lt;=20011026 @pd&lt;=20011026)</pre>		1
_	333	((714/48).CCLS.) and (watchdog\$1	USPAT;	2004/06/08
		watch-dog\$1 (watch adj dog\$1) WDT timer\$1	US-PGPUB;	18:24
1		(tim\$3 adj out\$1) timeout\$1 time-out\$1	EPO; JPO;	
		duration\$1 interval\$1 hang\$3 hung (lock\$3	DERWENT;	
		adj up) deadlock heartbeat\$1 heart-beat\$1	IBM TDB	1
		(heart adj beat\$1) keepalive keep-alive	_	
		(keep adj alive) poll\$3)		1

_	253	((((714/48).CCLS.) and (watchdog\$1	USPAT;	2004/06/08
1		watch-dog\$1 (watch adj dog\$1) WDT timer\$1	US-PGPUB;	18:45
		(tim\$3 adj out\$1) timeout\$1 time-out\$1	EPO; JPO;	
		duration\$1 interval\$1 hang\$3 hung (lock\$3	DERWENT;	
-		adj up) deadlock heartbeat\$1 heart-beat\$1	IBM_TDB	
i		(heart adj beat\$1) keepalive keep-alive		
		(keep adj alive) poll\$3)) not		
Ì		((((714/47).CCLS.) and (watchdog\$1 watch-dog\$1 (watch adj dog\$1) WDT timer\$1		İ
		(tim\$3 adj out\$1) timeout\$1 time-out\$1		
		duration\$1 interval\$1 hang\$3 hung (lock\$3		
		adj up) deadlock heartbeat\$1 heart-beat\$1		
		(heart adj beat\$1) keepalive keep-alive		
1	ļ	(keep adj alive) poll\$3)) (("3634869"		
1		"3665406"   "4027289"   "4156472"		
		"4159516"   "4342082"   "4352201"		
		"4383166"   "4450481"   "4499536"		
i	1	"4598363"   "4638428"   "4894822"		
	Ì	"4931924"   "5010329"   "5023869"	·	
		"5038275"   "5070526"   "5081577"		
		"5095526"   "5230067"   "5301278"		
1		"5414858"   "5467463"   "5471564").PN.)		
		5566351.URPN. (("4371932"   "4771403"		
		"4974147"   "5003462"   "5257368"		
		"5257379"   "5307482"   "5333274"		
		"5357612"   "5388254"   "5471609"		
		"5613066").PN.) 5894583.URPN. (("4881180"		
•		"5077661"   "5202993"   "5220674"		
		"5361332").PN.) 5471564.URPN. (("5471564"		
		"5699511"   "5768620"   "5894583"     "5978939"   "6012154").PN.) 6173339.URPN.		
		((714/55).CCLS.) (((713/100).CCLS.) and		
		714.clas.) (((713/100).CCLS.) and		
		(watchdog\$1 watch-dog\$1 (watch adj dog\$1)		
		WDT timer\$1 (tim\$3 adj out\$1) timeout\$1		
	1	time-out\$1 duration\$1 interval\$1 hang\$3		
	İ	hung (lock\$3 adj up) deadlock heartbeat\$1		
		heart-beat\$1 (heart adj beat\$1) keepalive		
	Ì	keep-alive (keep adj alive) poll\$3))		
		((714/4).CCLS.) (("4503535"   "4680753"		
		"4914657").PN.) 6363496.URPN.		
		((("4118790") or ("4532628") or		
		("5828583") or ("5968182") or ("6381710")		
		or ("6442711") or ("6625755") or		
		("20020184557")).PN.) ((("4809276") or	,	
		("5815647") or ("5864653") or ("5938776")		
		or ("6032271") or ("6243833") or		,
		("6333929") or ("6574755") or		
		("6591324")).PN.) ((("5267242") or	]	
		("5553231") or ("6038680") or ("6442711")	1	
	1	or ("6711702")).PN.) (("5774479"   "6014707"   "6112323"   "6154849"		
		"6363496"   "6405337"   "6467048").PN.)))		
		and (@ad<=20011026 @rlad<=20011026		
1		@prad<=20011026 @pd<=20011026)	}	
1_	15	(optimiz\$5 near threshold\$1) and	USPAT;	2004/06/08
-	13	(((713/100).CCLS.) 714.clas.)	US-PGPUB;	18:45
		(11,10,100,100,000,000,000,000,000,000,0	EPO; JPO;	
1			DERWENT;	
			IBM TDB	
_	12	(((optimiz\$5 near threshold\$1) and	USPAT;	2004/06/08
.		(((713/100).CCLS.) 714.clas.))) and	US-PGPUB;	18:46
1		(@ad<=20011026 @rlad<=20011026	EPO; JPO;	
1		@prad<=20011026 @pd<=20011026)	DERWENT;	
1			IBM_TDB	
-	613	optimiz\$5 near threshold\$1	USPAT;	2004/06/09
			US-PGPUB;	08:23
			EPO; JPO;	
1			DERWENT;	1
1	1	Í	IBM_TDB	